



TECHNICAL CATALOGUE october 2009

# BUMPER PROTECTIONS



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# **FAST SELECTION CHART FOR BUMPER PROTECTION**



MPER PROTECTIONS WW. d

# RECOMMENDED BUMPER PROTECTION **MATERIAL HANDLING** bumper guardrail bumper plates and trolley stop post **E** shopping trolley discount store trolley 9 GRB70GA2 HS70 HS118 PMA PPC PRS FC62 **STANDARD** cold cuts trolley hand pallet truck Electric pallet truck GRB70GI2 HS118 РМА PPC PRS REINFORCED $\mathbf{Q}$ Electric pallet truck with operator PPC PRS GRB70GF2 HS118 PMA EXTRA REINFORCED Fork lift truck HS118 PMA PPC PRS GRB120GA2 GRB120GE3 REINFORCED truck bumper aligners Truck GRB120GE3 REINFORCED AL120 PC120



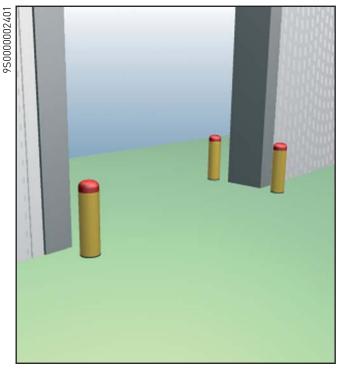
iccardocom X DEMODO 30107

# PROTECTIONS WWW.d

# Non toxic technopolymer bumper post to anchor into the floor

Family BUMPER POST

Code HS70230GRA3



## Application limit



# Application:

It is the ideal solution to protect door openings, protruding edges of walls and equipment or machinery which are likely to be knocked by moving trolleys.

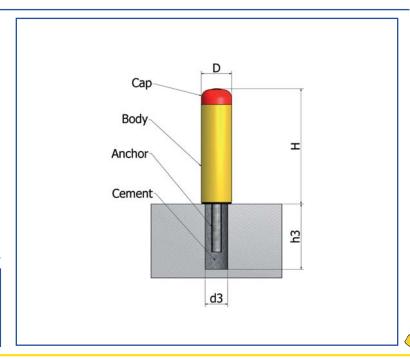
Shockproof/Bumper material	Non toxic to	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED	TESTED				
Colours of the visible components	yellow RAL	1023 - red RAL	3020			
Acid proof	HIGH					
Friction coefficient	LOW					
Operating temperature	HIGH	-50°/+80°	°C			
Water absorption	LOW	0,1	%			
Elongation to failure	HIGH	580	%			
Modulus of elasticity	HIGH	1000	MPa			
Shock resistance	HIGH	15	Kj/m²			
Shore hardness	MEDIUM	66	scale D			
Size tolerances		+/- 1,5	mm			
Accident Prevention Regulations	TESTO UNI	CO SICUREZZA	A Dlgs.81/08			
Hygiene-Health Regulations	HACCP - Dlgs.155/97					

## **Technical Features**

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300®".
- \* BUMPER BODY AND TOP CAP BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE LENGTH.
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

# Operating Advantages

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.



0005	dimensions		hole in the floor	
CODE	н	D	d3	h3
	mm	mm	mm	mm
HS70230GRA3	266	70	52	150

DEMO003010

riccardocom



1PER PROTECTIONS WW

# Non toxic technopolymer bumper post to anchor into the floor

**BUMPER POST** Family

HS118560GRA3

# 95000000260

## Application limit



### Application:

It is the ideal solution to protect door openings, protruding edges of walls and equipment or machinery which are likely to be knocked by moving trolleys.

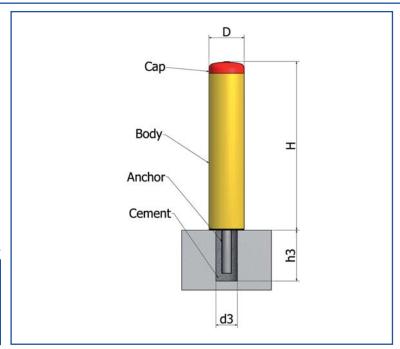
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED	TESTED			
Colours of the visible components	yellow RAL	yellow RAL1023 - red RAL3020			
Acid proof	HIGH	HIGH			
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNI	CO SICUREZZA	A Dlgs.81/08		
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

## **Technical Features**

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300®".
- \* BUMPER BODY AND TOP CAP BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE LENGTH.
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.



	dime	nsions	hole in the floor		
CODE	Н	D	d3	h3	
	mm	mm	mm	mm	
HS118560GRB3	560	118	72	170	

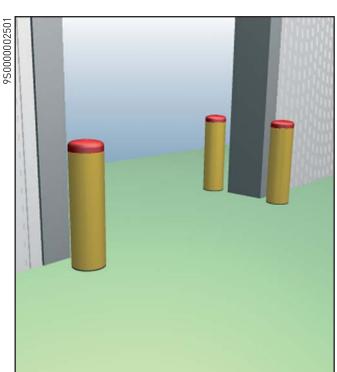


# PROTECTIONS

# Non toxic technopolymer bumper post to anchor into the floor

**BUMPER POST** Family

HS118436GRA3 Code



# Application limit



# Application:

It is the ideal solution to protect door openings, protruding edges of walls and equipment or machinery which are likely to be knocked by moving trolleys.

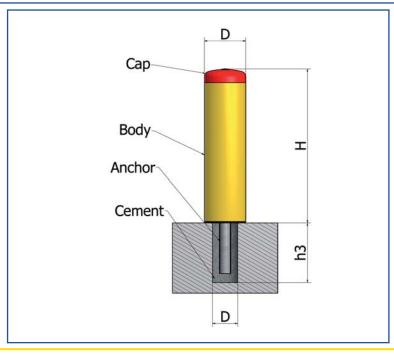
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED	TESTED			
Colours of the visible components	yellow RAL	.1023 - red RAL	3020		
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

### **Technical Features**

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300®".
- \* BUMPER BODY AND TOP CAP BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

# Operating Advantages

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.



	dime	nsions	hole in the floor		
CODE	н	D	d3	h3	
	mm	mm	mm	mm	
HS118436GRA3	436	118	72	170	

DEMO0030107

riccardocom

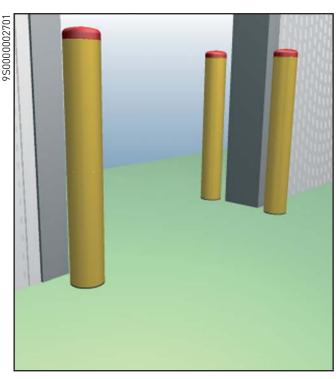


# PROTECTIONS WWW

# Non toxic technopolymer bumper post to anchor into the floor

Family BUMPER POST

Code HS118840GRA1



# **Application limit**



## Application:

It is the ideal solution to protect door openings, protruding edges of walls and equipment or machinery which are likely to be knocked by moving trolleys.

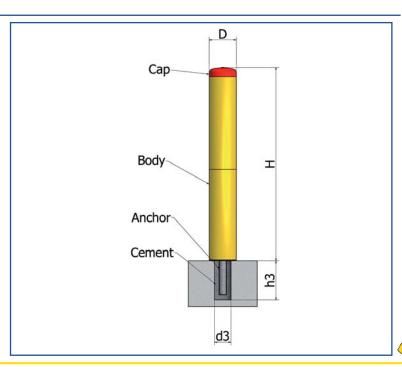
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED	TESTED			
Colours of the visible components	yellow RAL	.1023 - red RAL	3020		
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

### **Technical Features**

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300®".
- \* BUMPER BODY AND TOP CAP BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

# **Operating Advantages**

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.



	dimensions		hole in	the floor
CODE	<b>H</b> mm	<b>D</b> mm	<b>d3</b> mm	<b>h3</b> mm
HS118840GRB1	842	118	72	170

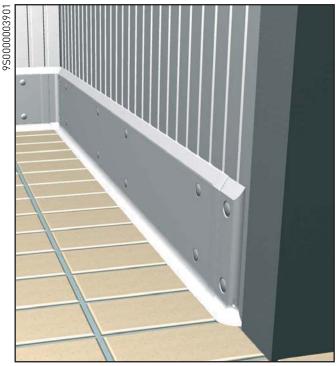
DEMO0030107



# Non toxic technopolymer bumper plate to fix into the wall with sanitary edge

**BUMPER PLATE WITH SANITARY EDGE** Family

PPC.....BA.2 Code



# Application limit

no limit

The product has no usage limits. The resistance to check is that of the wall that is supporting the edge.

### Application:

Effective protection with small dimension, perfectly suitable for environments with high hygiene-health requirements, ideal for protecting walls from accidental knocks caused by moving trolleys. Complete with sanitary rounded piece, it is applied to the wall that is in contact with the floor. Available in different widths.

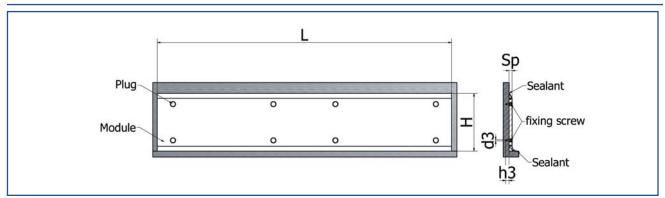
Shockproof/Bumper material	Non toxic to	Non toxic technopolymer DPA300 ®			
Non toxic	TESTED	TESTED			
Colours of the visible components	white RAL9	2010			
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

# **TECHNICAL FEATURES**

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300 ® " AND PROVIDED WITH COMPONENTS THAT COMPLETE AND PROVIDE AN EVEN BETTER PERFORMANCE
- $^{\star}$  EXTERNAL EDGES IN SHOCKPROOF PVC WITH COEXTRUDED SEALS, SLANTING DUST PROOF TOP AND THE BOTTOM FOR COUPLING TO THE FLOOR.
- ALL THE COMPONENTS PROVIDED, CAPS AND JOINTS, ARE DESIGNED TO GUARANTEE MAXIMUM SEALING AGAINST THE INFILTRATION OF WATER AND DIRT.
- \* THE WHOLE SECTION OF THE PRODUCT IS COLOURED INTENSE WHITE IN LINE WITH THE HACCP DIRECTIVES.

# Operating Advantages

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WITH THE COEXTRUDED PERIMETER SEALS MOUNTED WITH THE ELASTIC SEALANT, OPTIMUM SEALING IS GUARANTEED AGAINST INFILTRATIONS.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* THE INTENSE WHITE COLOURING ALONG THE ENTIRE SECTION OF THE PRODUCT ENSURES IT ALWAYS LOOKS NEW AND IS ALWAYS EASY TO CLEAN.



	dimensions				
CODE	H S <sub>I</sub>		L		
	mm	mm	mm		
PPC170BA.2	170	15	1500		
PPC245BA.2	245	15	1500		
PPC295BA.2	295	15	1500		
PPC380BA.2	380	15	1500		
PPC545BA.2	545	15	1500		
PPC795BA.2	795	15	1500		
PPC1000BA.2	1000	15	1500		

riccardocom X DEMO0030107

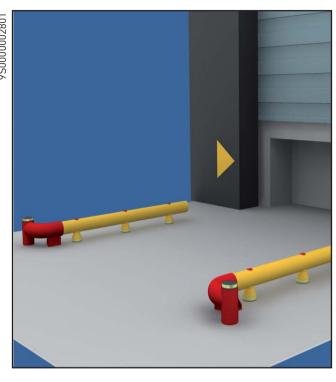


# PROTECTIONS www.d

# Non toxic technopolymer aligner to anchor into the floor

**ALIGNER Family** 

AL120.....GB4 Code



# Application limit



## Application:

This is the best solution to all damages caused by manoeuvring vehicles at goods loading/unloading points. High visibility; high resistance, it does not damage the lorry wheels or rims; it can be accessorised with flashing lights to use at night or in dark areas. Available in different

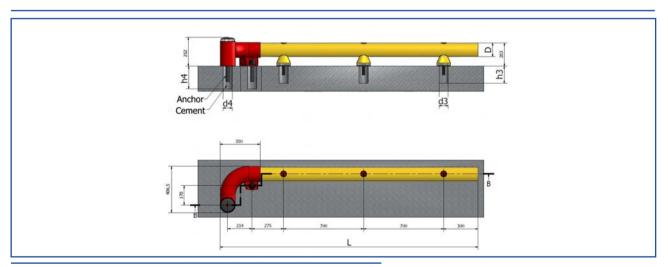
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED				
Colours of the visible components	yellow RAL	yellow RAL1023 - red RAL3020			
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m <sup>2</sup>		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		

Accident Prevention Regulations TESTO UNICO SICUREZZA Dlqs.81/08

# Technical Features

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®" AND PROVIDED WITH COMPONENTS THAT COMPLETE AND PROVIDE AN EVEN BETTER PERFORMANCE
- \* OPTIMISATION OF THE MATERIALS AND THE HEIGHT FROM THE GROUND GUARANTEE PROTECTION OF THE TYRE AND WHEEL RIM DURING CONTACT.
- \* ALL THE COMPONENTS ARE COLOURED IN BRIGHT YELLOW INTENSE RED, THEY ARE COLORED ON THE WHOLE SECTION
- \* INNOVATIVE CONSTRUCTION SYSTEM THAT INCLUDES DIFFERENT COMPONENTS ASSEMBLED TOGETHER SIMPLY AND WHICH ARE HIGHLY RESISTANT.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* THE SLIPPERINESS OF THE PLASTIC MATERIAL AND CONTACT BAR HEIGHT, PROTECT THE TYRE AND THE WHEEL RIM FROM BEING DAMAGED.
- WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* AN EASY TO REMOVE SYSTEM ENSURES GREAT FLEXIBILITY OF USE AND FACILITATES MAINTENANCE OF THE GOODS LOADING AND UNLOADIG STRUCTURES.



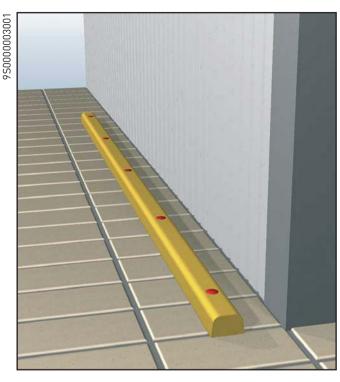
	dimer	sions	hole in the floor			
CODE	D	L	h3	h4	d3	d4
	mm	mm	mm	mm	mm	mm
AL1202500GB4	120	2255	150	200	80	80
AL1204500GB4	120	4255	150	200	80	80



# Non toxic technopolymer bumper trolley stop edge to fix into the floor

**TROLLEY STOP EDGE** Family

FC62.....GRA1 Code



# Application limit



### Applicazione:

The trolley stop edge is a strong and effective track for the wheels of trolleys being moved by hand, easy to fix to the floor, it is useful for making compulsory routes or parking areas in order to protect infrastructures from impacts with the trolleys. Available in different lengths.

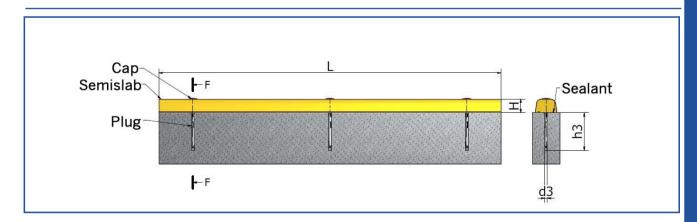
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®					
Non toxic	TESTED	TESTED				
Colours of the visible components	yellow RAL	.1023 - red RAL	3020			
Acid proof	HIGH					
Friction coefficient	LOW					
Operating temperature	HIGH	-50°/+80°	°C			
Water absorption	LOW	0,1	%			
Elongation to failure	HIGH	580	%			
Modulus of elasticity	HIGH	1000	MPa			
Shock resistance	HIGH	15	Kj/m²			
Shore hardness	MEDIUM	66	scale D			
Size tolerances		+/- 1,5	mm			
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08					
Hygiono-Hoalth Dogulations	UACCD Digg 155/07					

Hygiene-Health Regulations HACCP - Dlgs.155/97

# **Technical Features**

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®"
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE I FNGTH
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- $^{\ast}$  AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.

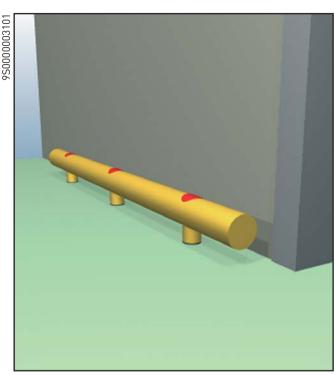


	d	imensio	hole in the floor			
CODE	Н	D	L	d3	h3	
	mm	mm	mm	mm	mm	
FC62500GRA1	40	62	500	8,5	100	
FC621000GRA1	40	62	1000	8,5	100	
FC621500GRA1	40	62	1500	8,5	100	
FC622000GRA1	40	62	2000	8,5	100	



**BUMPER GUARDRAIL (fence)** 

GRB120.....GA2 standard



# Application limit



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED				
Colours of the visible components	yellow RAL	.1023 - red RAL	3020		
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

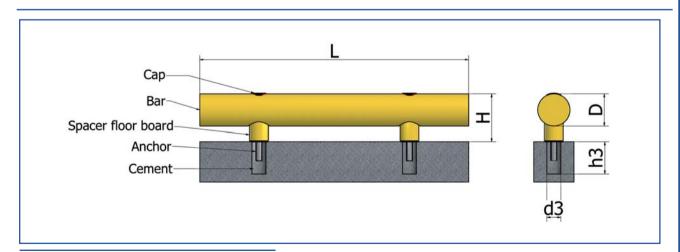
# Technical Features

**Family** 

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE LENGTH.
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.

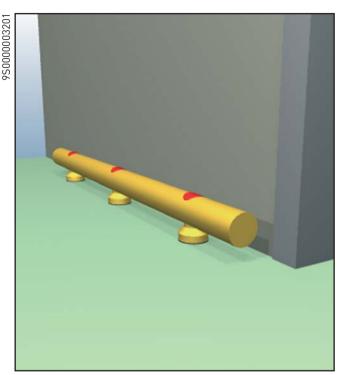


	dimensions			hole in the floor			
CODE	Н	D	L	d3	h3		
	mm	mm	mm	mm	mm		
GRB120500GA2	175	120	500	52	120		
GRB1201000GA2	175	120	1000	52	120		
GRB1201500GA2	175	120	1500	52	120		
GRB1202000GA2	175	120	2000	52	120		



**BUMPER GUARDRAIL (fence)** 

GRB120......GE3 reinforced



# **Application limit**



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®			
Non toxic	TESTED			
Colours of the visible components	yellow RAL	.1023 - red RAL	3020	
Acid proof	HIGH			
Friction coefficient	LOW			
Operating temperature	HIGH	-50°/+80°	°C	
Water absorption	LOW	0,1	%	
Elongation to failure	HIGH	580	%	
Modulus of elasticity	HIGH	1000	MPa	
Shock resistance	HIGH	15	Kj/m²	
Shore hardness	MEDIUM	66	scale D	
Size tolerances		+/- 1,5	mm	
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08			
Hygiene-Health Regulations	HACCP - Dlas.155/97			

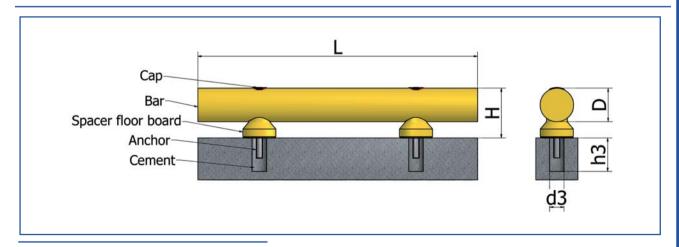
# **Technical Features**

**Family** 

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE LENGTH.
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.

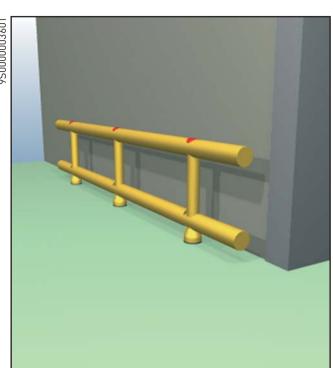


	di	mensio	ns	hole in the floor		
CODE	Н	D	L	d3	h3	
	mm	mm	mm	mm	mm	
GRB120500GE3	175	120	500	52	120	
GRB1201000GE3	175	120	1000	52	120	
GRB1201500GE3	175	120	1500	52	120	
GRB1202000GE3	175	120	2000	52	120	



**DOUBLE BUMPER GUARDRAIL (fence)** 

GRB70......GC2 extra reinforced



# Application limit



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED				
Colours of the visible components	yellow RAL	.1023 - red RAL	3020		
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

### Technical Features

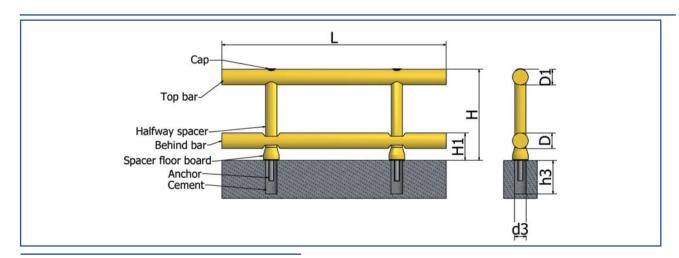
**Family** 

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

### **Operating Advantages**

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.

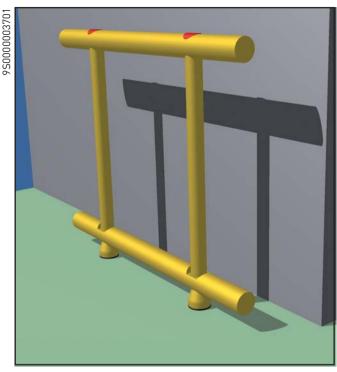


	dimensions					hole in the floor		
CODE	Н	H1	D	D1	L	d3	h3	
	mm	mm	mm	mm	mm	mm	mm	
GRB70500GC2	400	125	70	70	500	52	150	
GRB701000GC2	400	125	70	70	1000	52	150	
GRB701500GC2	400	125	70	70	1500	52	150	
GRB702000GC2	400	125	70	70	2000	52	150	



**DOUBLE BUMPER GUARDRAIL (fence) Family** 

GRB70.....GE2 extra reinforced



# Application limit



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED				
Colours of the visible components	yellow RAL	.1023 - red RAL	3020		
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

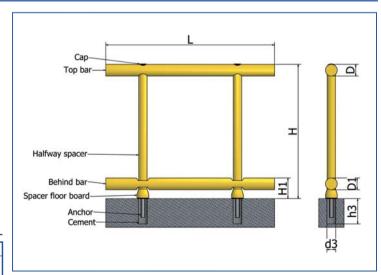
### **Technical Features**

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

# Operating Advantages

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.



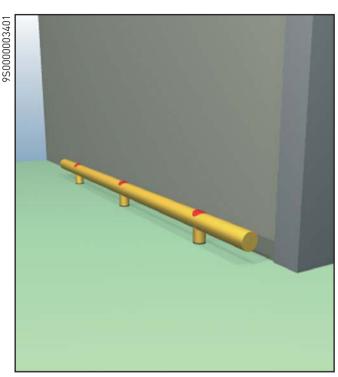
	dimensions					hole in the floor		
CODE	Н	H1	D	D1	L	d3	h3	
	mm	mm	mm	mm	mm	mm	mm	
GRB70500GE2	800	125	70	70	500	52	150	
GRB701000GE2	800	125	70	70	1000	52	150	
GRB701500GE2	800	125	70	70	1500	52	150	
GRB702000GE2	800	125	70	70	2000	52	150	



Ticcardocom X DEMOGOS 0107

**BUMPER GUARDRAIL (fence)** 

GRB70.....GA2 standard



# Application limit



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

-					
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®				
Non toxic	TESTED				
Colours of the visible components	yellow RAL	.1023 - red RAL	3020		
Acid proof	HIGH				
Friction coefficient	LOW				
Operating temperature	HIGH	-50°/+80°	°C		
Water absorption	LOW	0,1	%		
Elongation to failure	HIGH	580	%		
Modulus of elasticity	HIGH	1000	MPa		
Shock resistance	HIGH	15	Kj/m²		
Shore hardness	MEDIUM	66	scale D		
Size tolerances		+/- 1,5	mm		
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08				
Hygiene-Health Regulations	HACCP - Dlgs.155/97				

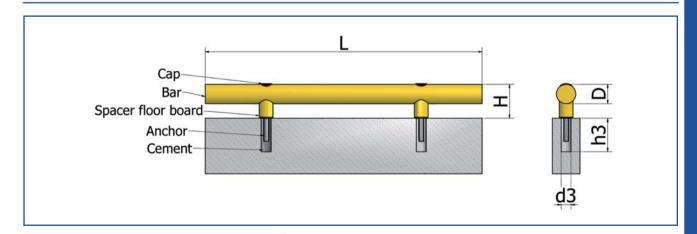
## Technical Features

**Family** 

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE LENGTH.
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.

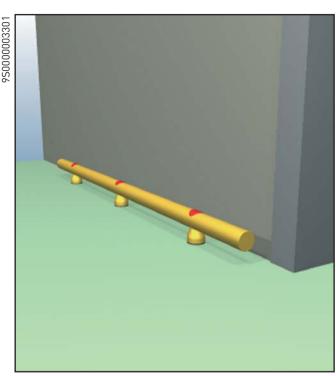


	d	imensio	ns	hole in the floor		
CODE	Н	D	L	d3	h3	
	mm	mm	mm	mm	mm	
GRB70500GA2	125	70	500	36	120	
GRB701000GA2	125	70	1000	36	120	
GRB701500GA2	125	70	1500	36	120	
GRB702000GA2	125	70	2000	36	120	



**BUMPER GUARDRAIL (fence)** 

GRB70.....GI2 reinforced



# Application limit



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®			
Non toxic	TESTED			
Colours of the visible components	yellow RAL	.1023 - red RAL	3020	
Acid proof	HIGH			
Friction coefficient	LOW			
Operating temperature	HIGH	-50°/+80°	°C	
Water absorption	LOW	0,1	%	
Elongation to failure	HIGH	580	%	
Modulus of elasticity	HIGH	1000	MPa	
Shock resistance	HIGH	15	Kj/m²	
Shore hardness	MEDIUM	66	scale D	
Size tolerances		+/- 1,5	mm	
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08			
Hygiene-Health Regulations	HACCP - Dlgs.155/97			

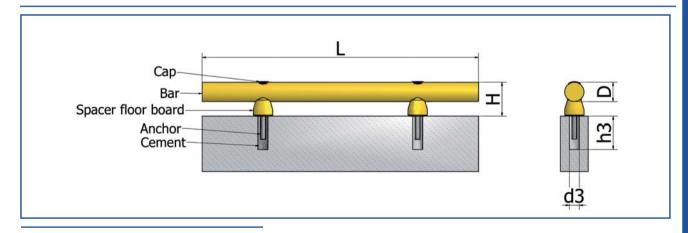
# **Technical Features**

**Family** 

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE
- ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.

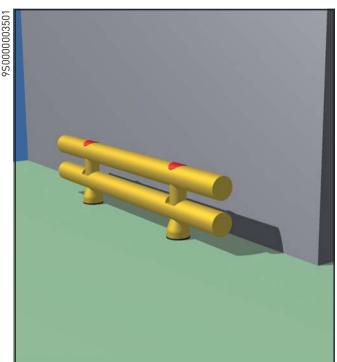


	dimensions			hole in the floor		
CODE	Н	D	L	d3	h3	
	mm	mm	mm	mm	mm	
GRB70500GI2	125	70	500	36	120	
GRB701000GI2	125	70	1000	36	120	
GRB701500GI2	125	70	1500	36	120	
GRB702000GI2	125	70	2000	36	120	



**DOUBLE BUMPER GUARDRAIL (fence)** 

GRB70.....GP2 reinforced



# Application limit



# Application:

Nothing better to protect walls, the leaves of sliding doors, the corners of electrical switchboards and machinery which are likely to be knocked by moving trolleys. Available in different models and sizes for the most diversified requirements.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®			
Non toxic	TESTED			
Colours of the visible components	yellow RAL	.1023 - red RAL	3020	
Acid proof	HIGH			
Friction coefficient	LOW			
Operating temperature	HIGH	-50°/+80°	°C	
Water absorption	LOW	0,1	%	
Elongation to failure	HIGH	580	%	
Modulus of elasticity	HIGH	1000	MPa	
Shock resistance	HIGH	15	Kj/m²	
Shore hardness	MEDIUM	66	scale D	
Size tolerances		+/- 1,5	mm	
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08			
Hygiene-Health Regulations	HACCP - Dlgs.155/97			

### **Technical Features**

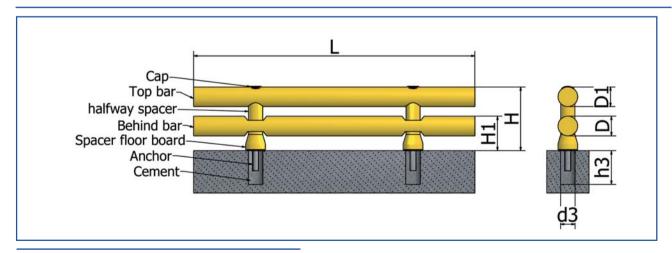
**Family** 

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER "DPA300®".
- \* BUMPER BARS AND TOP CAPS BRIGHTLY AND COMPLETELY COLOURED IN YELLOW AND INTENSE RED ALONG THEIR ENTIRE LENGTH.
- \* ALL COMPONENTS ARE SIMPLE TO ASSEMBLE, WITH ANTI WATER AND DIRT INFILTRATION SYSTEMS.
- \* AN EXTREMELY RESISTANT FIXING SYSTEM THAT GUARANTEES FLOOR INTEGRITY EVEN IN THE CASE OF MASSIVE IMPACTS.

# **Operating Advantages**

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- \* HIGHLY RESISTANT AND REMOVABLE FIXING SYSTEM TO FACILITATE ITS MAINTENANCE AND THAT OF THE PROTECTED STRUCTURES.



		dimensions					hole in the floor	
CODE	Н	H1	D	D1	L	d3	h3	
	mm	mm	mm	mm	mm	mm	mm	
GRB70500GP2	230	125	70	70	500	52	150	
GRB701000GP2	230	125	70	70	1000	52	150	
GRB701500GP2	230	125	70	70	1500	52	150	
GRB702000GP2	230	125	70	70	2000	52	150	



iccardocom X DEMODO 30107

# Truck bumper in painted steel to anchor into the floor

Family TRUCK BUMPER

Code PC12050RA1



# **Application limit**



# Application:

The truck bumper is a hard limit stop element for lorries manoeuvring in loading/unloading points, to install as protection of the loading platforms, sectional doors and sealing portals. Combined with the wheel stop aligners AL120, they guarantee total protection of the loading point.

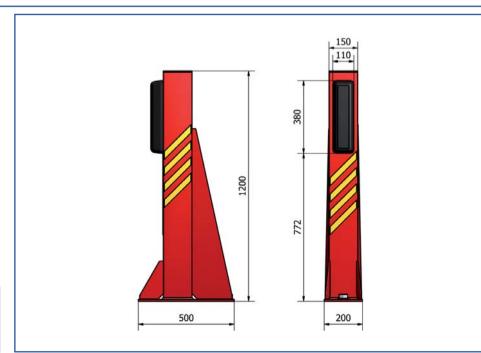
Shockproof/Bumper material	Steel painted for outdoor application			
Colours of the visible components	Red + yellow reflector indicator strips			
Acid proof	HIGHT			
Friction coefficient	LOW			
Operating temperature	HIGHT	-50°/+80°	°C	
Shock resistance	HIGHT	15	Kj/m²	
Size tolerances		+/- 1,5	mm	

Accident Prevention Regulations TESTO UNICO SICUREZZA Dlgs.81/08

### **Technical Features**

- \* HIGH RESISTANCE STEEL CONSTRUCTION WITH SPECIFIC REINFORCEMENTS IN THE POINTS OF GREATEST STRESS.
- \* OPTIMISATION OF SHIMS AND REINFORCEMENTS TO MAKE THE STRUCTURE STURDY AND ITS SUITABLE HEIGHT ARE A GUARANTEE OF SUPERIOR EFFICIENCY.
- \* HIGH RESISTANCE POLYESTER POWDER PAINT IS USED IN BRIGHT RED WITH YELLOW ADHESIVE ELEMENTS TO REFLECT THE LIGHT.
- \* INNOVATIVE FIXING SYSTEM ANCHORED TO THE GROUND AND REMOVABLE.

- \* THE HIGHEST RESISTANCE TO IMPACTS IS GUARANTEED WITH PARTICULAR ATTENTION ON CONTAINING THE OVERALL DIMENSIONS.
- \* THIS NEW PROJECT GUARANTEES A REDUCTION OF STRUCTURE WEIGHTS AND AN INCREASE IN THE IMPACT RESISTANCE VALUE.
- \* WARNING GUARANTEED FOR THE WORKER THAT HE IS APPROACHING THE OBSTACLE THANKS TO THE ALTERNATING COLOURS OF YELLOW AND RED.
- \* AN EASY TO REMOVE SYSTEM ENSURES GREAT FLEXIBILITY OF USE AND FACILITATES MAINTENANCE OF THE GOODS LOADING AND UNLOADING STRUCTURES.



dimensions

 CODE
 H
 L

 mm
 mm

 PC12050RA1
 1200
 500x200



# Non toxic technopolymer bumper plate to fix into the wall



PMA.....BA.2



# Application limit

no limit

The product has no usage limits. The resistance to check is that of the wall that is supporting the edge.

# Application:

Effective protection with small dimension, perfectly suitable for environments with high hygiene-health requirements, ideal for protecting walls, door leafs and the perimeter structures of machinery from accidental knocks caused by moving trolleys. It is applied to the wall at half height depending on the point of contact foreseen. Available in different widths.

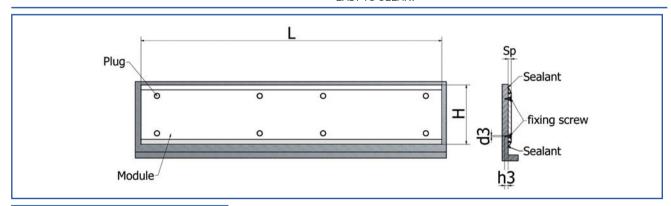
different widths.						
Shockproof/Bumper material	Non toxic technopolymer DPA300 ®					
Non toxic	TESTED	TESTED				
Colours of the visible components	white RALS	white RAL9010				
Acid proof	HIGH					
Friction coefficient	LOW					
Operating temperature	HIGH	-50°/+80°	°C			
Water absorption	LOW	0,1	%			
Elongation to failure	HIGH	580	%			
Modulus of elasticity	HIGH	1000	MPa			
Shock resistance	HIGH	15	Kj/m²			
Shore hardness	MEDIUM	66	scale D			
Size tolerances		+/- 1,5	mm			
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08					
Hygiene-Health Regulations	HACCP - Dlgs.155/97					

### **Technical Features**

Code

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300 ® " AND PROVIDED WITH COMPONENTS THAT COMPLETE AND PROVIDE AN EVEN BETTER PERFORMANCE.
- \* 30° ANGLED EXTERNAL EDGES IN BUMPER PVC, DUST PROOF AT THE TOP AND ANTI HOOKUP AT THE BOTTOM BOTH WITH COEXTRUDED SEALS.
- \* ALL THE COMPONENTS PROVIDED, CAPS AND JOINTS, ARE DESIGNED TO GUARANTEE MAXIMUM SEALING AGAINST THE INFILTRATION OF WATER AND DIRT.
- \* THE WHOLE SECTION OF THE PRODUCT IS COLOURED INTENSE WHITE IN LINE WITH THE HACCP DIRECTIVES.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WITH THE COEXTRUDED PERIMETER SEALS MOUNTED WITH THE ELASTIC GLUE, OPTIMUM SEALING IS GUARANTEED AGAINST
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE
- \* THE INTENSE WHITE COLOURING ALONG THE ENTIRE SECTION OF THE PRODUCT ENSURES IT ALWAYS LOOKS NEW AND IS ALWAYS EASY TO CLEAN.



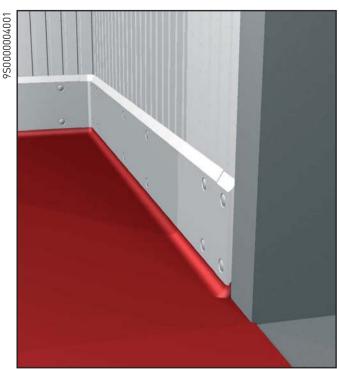
	dimensions			
CODE	Н	Sp	L	
	mm	mm	mm	
PMA170BA.2	170	15	1500	
PMA245BA.2	245	15	1500	
PMA295BA.2	295	15	1500	
PMA380BA.2	380	15	1500	
PMA545BA.2	545	15	1500	
PMA795BA.2	795	15	1500	
PMA1000BA.2	1000	15	1500	



# Non toxic technopolymer bumper plate to fix into the wall for resin floor

**BUMPER PLATE FOR RESIN FLOOR Family** 

PRS.....BA.2 Code



## Application limit

The product has no usage limits. The resistance to check is that of the wall that is supporting the edge.

### Application:

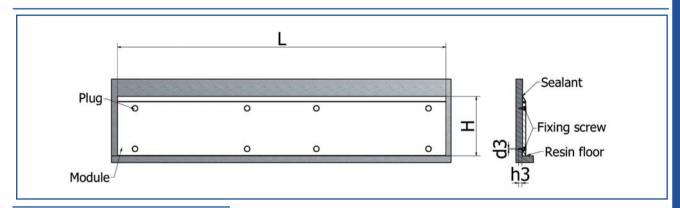
Effective protection with small dimension, perfectly suitable for environments with high hygiene-health requirements, ideal for protecting walls from accidental knocks caused by moving trolleys. Its application is specific with the resin sanitary rounded pieces which effectively seal and protect the wall on which it is applied. Available in different widths.

Shockproof/Bumper material	Non toxic technopolymer DPA300 ®			
Non toxic	TESTED			
Colours of the visible components	white RALS	9010		
Acid proof	HIGH			
Friction coefficient	LOW			
Operating temperature	HIGH	-50°/+80°	°C	
Water absorption	LOW	0,1	%	
Elongation to failure	HIGH	580	%	
Modulus of elasticity	HIGH	1000	MPa	
Shock resistance	HIGH	15	Kj/m²	
Shore hardness	MEDIUM	66	scale D	
Size tolerances		+/- 1,5	mm	
Accident Prevention Regulations	TESTO UNICO SICUREZZA Dlgs.81/08			
Hygiene-Health Regulations	HACCP - Dlgs.155/97			

# **Technical Features**

- \* MADE WITH HIGH PERFORMANCE TECHNOPOLYMER " DPA300 ®" AND PROVIDED WITH COMPONENTS THAT COMPLETE AND PROVIDE
- \* DUST PROOF SLANTED TOP EDGE IN PVC WITH COEXTRUDED SEAL, BOTTOM TO COUPLE TO THE RESIN ROUNDED PIECE.
- \* ALL THE COMPONENTS PROVIDED, CAPS AND JOINTS, ARE DESIGNED TO GUARANTEE MAXIMUM SEALING AGAINST THE INFILTRATION OF WATER AND DIRT.
- \* THE WHOLE SECTION OF THE PRODUCT IS COLOURED INTENSE WHITE IN LINE WITH THE HACCP DIRECTIVES.

- \* THE HIGHEST POSSIBLE PERFORMANCE AS REGARDS TO RESISTANCE, FLEXIBILITY, SLIPPERABILITY AND CLEANABILITY ARE GUARANTEED BY THIS MODERN PLASTIC MATERIAL.
- \* WITH THE COEXTRUDED PERIMETER SEALS MOUNTED WITH THE ELASTIC GLUE, OPTIMUM SEALING IS GUARANTEED AGAINST **INFILTRATIONS**
- \* BECAUSE THE PRODUCT IS SO EASY TO ASSEMBLE AND SERVICE, IT CAN BE USED BY EVERYONE AND THE HIGHEST LEVEL OF HYGIENE IS GUARANTEED.
- THE INTENSE WHITE COLOURING ALONG THE ENTIRE SECTION OF THE PRODUCT ENSURES IT ALWAYS LOOKS NEW AND IS ALWAYS EASY TO CLEAN.



	dimensions				
CODE	Н	Sp	L		
	mm	mm	mm		
PRS145BA.2	145	15	1500		
PRS220BA.2	220	15	1500		
PRS270BA.2	270	15	1500		
PRS355BA.2	355	15	1500		
PRS520BA.2	520	15	1500		
PRS770BA.2	770	15	1500		
PRS1000BA.2	1000	15	1500		



# PROTECTIONS WWW.

# Non toxic technopolymer PVC semi-rigid sanitary edge to fix into the floor

Family BUMPER SANITARY EDGE

PS9040...B/G/K



# Application limit

The product has no usage limits. The resistance to check is that of the wall that is supporting the edge.

no limit

# Applicazion:

Fundamental for rounding edges between walls and the floor and to protect against the infiltration of liquids and dirt. Its characteristics guarantee high reliability in environments where hygiene and health are an issue or at high risk from being damaged from moving trolleys and goods. Available in three different colours.

Shockproof/Bumper material	PVC Semi-rigid		
Non toxic	TESTED		
Available colours of the external edge	white RAL9010 Klinker RAL10		045
Acid proof	HIGH		
Operating temperature	HIGH	-25°/+80°	°C
Water absorption	LOW	0,1	%
Elongation to failure	HIGH		
Modulus of elasticity	HIGH		
Shock resistance	HIGH		
Shore hardness	MEDIUM	66	scale D
Size tolerances		+/- 1,5	mm
Accident Prevention Regulations	TESTO UNICO S	ICUREZZA [	Olgs.81/08
Hygiene-Health Regulations	HACCP - Dlgs.	155/97	

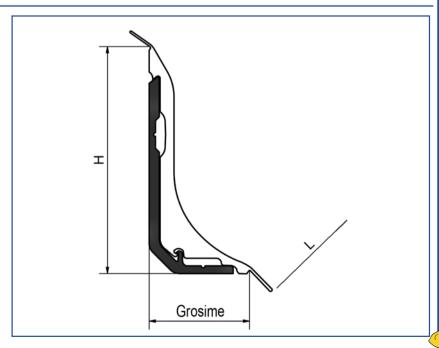
### **Technical Features**

Code

- \* EXTRA THICK BUMPER EXTRUDED PVC EDGE WITH HIGH RESISTANCE AND SEALING CHARACTERISTICS.
- \* BOTTOM ANCHORING EDGE FOR PARTICULARLY UNEVEN FLOORS OR SURFACES ON WHICH IT IS IMPOSSIBLE TO SEAL.
- \* EXTERNAL PERIMETER SEALS COEXTRUDED IN SOFT PVC FOR THE BEST POSSIBLE SEALING ALSO ON UNEVEN SURFACES.
- $^{\ast}$  Three Different colourings of the polymer for the whole section of the hygienic edge.

# **Operating Advantages**

- $^{\ast}$  AN EDGE THAT HAS NO FEAR OF ACCIDENTAL KNOCKS THANKS TO ITS 94% SOLID CROSS SECTION. RESISTANCE AND FLEXIBILITY ARE GUARANTEED.
- \* BEING ABLE TO MECHANICALLY ANCHOR THE HYGIENIC EDGE GUARANTEES APPLICATION ON ALL TYPES OF FLOORS AND SURFACES
- \* WITH THE PERIMETER SEALS AND THE ASSEMBLY ELASTIC SEAL, OPTIMUM SEALING IS GUARANTEED AGAINST INFILTRATIONS.
- \*IT ADAPTS TO THE DIFFERENT COLOURS OF THE FLOORS AND IS INDICATED FOR REPLACING DAMAGED CERAMIC, PLASTIC OR STAINLESS STEEL SKIRTINGS.



	dimensions			
CODE	Н	Sp	L	
	mm	mm	mm	
PS9040	90	40	2000	

iccardocom X DEMODO 30107

